

URBAN DRAINAGE STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE	CASTING	RIM ELEVATION
1	392+21.50	44.80	LT INLET TY A	GRATE TYPE 8	379.06
2	392+89.00	44.80	LT INLET TY A	GRATE TYPE 8	379.59
3	393+37.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	379.94
4	393+61.65	65.13	RT PRC FES 12"		
5	393+67.94	39.29	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	379.66
6	394+08.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.03
7	394+55.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.09
9	395+26.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.18
10	395+26.00	41.00	RT INLET TY A	GRATE TYPE 8	379.50
11	395+44.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.20
12	396+01.50	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.27
13	396+20.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.30
14	396+60.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.35
15	397+25.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.43
16	397+39.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.45
17	397+55.13	263.15	LT PRC FES EQRS 36"		
18	397+76.00	40.00	RT MH TY A 5' DIA	GRATE TYPE 8	380.00
19	398+10.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.54
20	398+36.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.58
21	398+36.00	42.00	RT INLET TY A	GRATE TYPE 8	380.20
22	398+46.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.59
23	399+04.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.66
24	399+05.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.66
25	399+05.00	42.00	RT INLET TY A	GRATE TYPE 8	379.60
26	399+34.16	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.70
27	399+82.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.76
28	399+97.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.78
29	400+25.00	37.50	RT MH TY A 5' DIA	GRATE TYPE 8	380.80
29A	400+25.00	43.50	RT PRC FES 15"		
30	400+40.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.84
31	400+84.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.89
32	400+84.00	42.00	RT INLET TY A	GRATE TYPE 8	380.50
33	400+95.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.91
34	401+40.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	380.96
35	401+90.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	381.03
36	401+90.00	42.00	RT INLET TY A	GRATE TYPE 8	380.70
37	402+10.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	381.07
38	402+94.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	381.52
39	402+94.00	42.60	RT INLET TY A	GRATE TYPE 8	381.15
40	403+15.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	381.70
41	405+22.00	55.78	RT PRC FES 15"		
42	405+43.82	54.20	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	384.11
45	405+74.54	86.30	LT PRC FES 15"		
46	405+86.48	46.02	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	384.40
47	406+06.84	48.02	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	384.81
48	406+89.45	64.17	RT PRC FES 15"		
49	407+07.32	63.93	RT PRC FES 30"		
50	407+08.22	73.78	LT PRC FES 30"		
51	407+17.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.26
52	407+35.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.28
53	408+25.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.37
54	408+42.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.39
55	409+30.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.48
56	409+50.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.51
57	410+03.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.56
58	410+03.00	46.00	RT INLET TY A	GRATE TYPE 8	383.72

STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE	CASTING	RIM ELEVATION
59	410+35.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.59
60	410+59.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.62
61	410+59.00	45.50	RT INLET TY A	GRATE TYPE 8	384.36
62	411+42.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.71
63	411+42.00	52.00	LT INLET TY A	GRATE TYPE 8	384.50
64	411+57.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.72
65	412+20.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.79
66	412+65.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.83
67	412+65.00	43.70	RT INLET TY A	GRATE TYPE 8	384.97
68	413+06.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.88
69	413+06.00	44.20	RT MH TY A 4' DIA	GRATE TYPE 8	384.96
70	413+25.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	385.90
71	413+25.00	53.20	LT INLET TY A	GRATE TYPE 8	384.65
72	413+86.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	386.06
73	413+86.00	42.00	RT MH TY A 4' DIA	GRATE TYPE 8	385.39
74	414+50.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	386.36
75	414+50.00	50.50	LT INLET TY A	GRATE TYPE 8	385.40
76	414+88.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	386.62
77	414+88.00	44.20	RT INLET TY A	GRATE TYPE 8	385.96
78	415+25.00	50.50	LT MH TY A 5' DIA	GRATE TYPE 8	386.20
79	415+85.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	387.40
80	415+85.00	44.20	RT INLET TY A	GRATE TYPE 8	386.27
81	416+60.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	388.02
82	416+60.00	43.50	RT INLET TY A	GRATE TYPE 8	387.40
83	416+95.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	388.31
84	416+95.00	50.50	LT INLET TY A	GRATE TYPE 8	387.40
85	417+38.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	388.66
86	417+38.00	44.20	RT INLET TY A	GRATE TYPE 8	387.50
87	418+60.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	389.66
88	418+60.00	43.40	RT INLET TY A	GRATE TYPE 8	388.25
89	419+25.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	390.17
90	419+25.00	50.50	LT INLET TY A	GRATE TYPE 8	389.70
91	419+88.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	390.64
92	419+88.00	43.50	RT INLET TY A	GRATE TYPE 8	389.06
93	420+98.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	391.40
94	420+98.00	54.60	LT INLET TY A	GRATE TYPE 8	389.80
95	421+43.51	78.81	RT PRC FES 15"		
96	421+56.66	47.38	RT MH TY A 4' DIA	TYPE 1 FRAME, CLOSED LID	391.00
97	421+78.00	33.00	RT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	391.89
98	421+78.00	45.40	RT INLET TY B	GRATE TYPE 8	390.80
99	423+00.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	392.56
100	423+25.00	48.00	RT INLET TY A	GRATE TYPE 8	392.70
101	424+11.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	392.52
102	425+37.65	60.16	LT PRC FES 36"		
103	426+05.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	393.53
104	426+65.02	55.64	RT PRC FES 24"		
105	427+60.00	52.00	RT MH TY A 5' DIA	GRATE TYPE 8	394.79
106	428+13.84	38.92	LT MH TY A 5' DIA	TYPE 1 FRAME, CLOSED LID	395.50
107	428+48.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	395.33
108	428+48.00	48.50	LT INLET TY A	GRATE TYPE 8	394.30
109	428+70.00	55.00	RT MH TY A 5' DIA	GRATE TYPE 8	395.60
110	429+70.00	59.00	RT MH TY A 5' DIA	GRATE TYPE 8	395.90
111	430+96.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	397.90
112	433+46.00	33.00	LT INLET SPECIAL, TYPE 3	TYPE 1 FRAME, CLOSED LID	401.15
113	434+39.00	39.50	LT INLET TY A	GRATE TYPE 8	403.00
114	430+96.00	49.00	LT INLET TY A	GRATE TYPE 8	397.35

URBAN DRAINAGE PIPES

PIPE NUMBER	SIZE / TYPE	LENGTH (FEET)	SLOPE (%)	US INVERT	DS INVERT
P1	12" STORM SEW CL A 2	5.64	1.00	376.06	376.00
P2	12" STORM SEW CL A 2	6.81	1.00	376.59	376.52
P3	15" STORM SEW CL A 2	41.74	1.56	376.16	375.51
P4	24" STORM SEW CL A 2	73.35	0.17	375.56	375.44
P5	12" STORM SEW CL A 2	20.74	4.15	377.52	376.66
P6	15" STORM SEW CL A 2	65.00	0.32	376.37	376.16
P7	24" STORM SEW CL A 2	149.87	0.17	375.82	375.56
P8	15" STORM SEW CL A 2	41.00	0.32	376.50	376.37
P9	15" STORM SEW CL A 2	83.00	0.35	376.68	376.50
P10	12" STORM SEW CL A 2	2.50	1.00	376.50	376.47
P12	15" STORM SEW CL A 2	51.50	0.45	377.02	376.79
P13	24" STORM SEW CL A 2	88.00	0.17	376.30	376.15
P14	15" STORM SEW CL B 2	73.00	0.32	377.10	376.87
P15	30" STORM SEW CL B 2	68.45	0.13	374.85	374.76
P16	36" EQRS ST SEW CL A 2	226.23	0.10	373.83	371.60
P17	24" STORM SEW CL A 2	65.00	0.17	376.07	375.96
P18	30" STORM SEW CL A 2	47.21	0.13	374.91	374.85
P19	24" STORM SEW CL B 2	30.00	0.17	376.12	376.07
P20	30" STORM SEW CL A 2	56.18	0.13	374.98	374.91
P21	12" STORM SEW CL A 2	3.50	1.00	377.20	377.16
P22	18" STORM SEW CL A 2	52.00	0.26	376.75	376.62
P23	18" STORM SEW CL A 2	24.16	0.26	376.82	376.75
P24	30" STORM SEW CL A 2	63.00	0.13	375.06	374.98
P25	12" STORM SEW CL A 2	3.50	1.00	376.60	376.56
P26	18" STORM SEW CL A 2	56.84	0.26	376.96	376.82
P27	24" STORM SEW CL A 2	71.00	0.17	376.31	376.19
P28	15" STORM SEW CL A 2	37.00	0.32	377.33	377.21
P29	24" STORM SEW CL A 2	37.55	0.17	376.37	376.31
P29A	15" STORM SEW CL A 2	2.50	1.00	380.70	380.67
P30	15" STORM SEW CL A 2	49.00	0.32	377.49	377.33
P31	24" STORM SEW CL A 2	53.55	0.17	376.46	376.31
P32	12" STORM SEW CL A 2	3.50	1.00	377.50	377.46
P33	15" STORM SEW CL A 2	39.00	0.32	377.61	377.49
P34	15" STORM SEW CL A 2	64.00	0.32	377.82	377.61
P35	24" STORM SEW CL A 2	100.00	0.17	376.66	376.49
P36	12" STORM SEW CL A 2	3.50	1.00	377.70	377.66
P37	15" STORM SEW CL B 2	99.00	0.64	378.45	377.82
P38	24" STORM SEW CL A 2	98.00	0.17	377.11	376.94
P39	12" STORM SEW CL A 2	4.10	1.00	378.15	378.11
P41	15" STORM SEW CL A 2	16.47	10.08	380.86	379.20
P45	15" STORM SEW CL A 2	37.05	4.80	381.70	379.92
P47	15" STORM SEW CL A 2	78.77	5.28	381.56	377.40
P49	30" STORM SEW CL A 2	37.65	2.31	378.82	377.95
P50	30" STORM SEW CL A 2	37.33	2.50	377.59	376.65
P51	30" STORM SEW CL A 2	102.00	0.13	379.39	379.26
P52	30" STORM SEW CL A 2	101.00	0.13	378.95	378.82
P53	30" STORM SEW CL A 2	99.00	0.13	379.52	379.39
P54	30" STORM SEW CL A 2	102.00	0.13	379.08	378.95
P55	30" STORM SEW CL A 2	99.00	0.13	379.65	379.52
P56	30" STORM SEW CL A 2	47.00	0.13	379.14	379.08
P57	12" STORM SEW CL A 2	7.50	1.00	380.72	380.64
P58	24" STORM SEW CL A 2	50.00	0.22	380.29	380.18
P59	30" STORM SEW CL A 2	101.00	0.13	379.78	379.65
P60	12" STORM SEW CL A 2	7.00	1.00	381.36	381.29
P61	24" STORM SEW CL A 2	92.00	0.19	380.70	380.53
P62	12" STORM SEW CL B 2	13.50	1.00	381.50	381.36
P63	30" STORM SEW CL A 2	72.00	0.13	379.87	379.78
P64	24" STORM SEW CL A 2	102.00	0.18	380.89	380.70
P65	30" STORM SEW CL A 2	99.00	0.13	380.00	379.87
P66	12" STORM SEW CL B 2	5.20	1.00	381.97	381.92